Section 1

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Annex:

Label on the outside of the package Digitizer.

1 Safety Precautions

1.1 System Components

While operating the ADC COMPACT System, you should always make sure that the following safety checks have been taken before bringing the ADC COMPACT System into use:

- make sure that the various components of the ADC COMPACT System are installed in places where they can be constantly observed.
- do not bypass or disable any incorporated safety features.
- always disconnect any components of the ADC COMPACT System from the mains before carrying out service or maintenance.
- troubleshooting, or electrical or mechanical repairs, may only be carried out by qualified service personnel.
- AGFA Gevaert reserves the right to modify and improve their equipment in order to adapt them to the latest technical standards.

There are no user-serviceable parts inside the ADC COMPACT processing station or digitizer. Perform no other operations on the processing station or digitizer than the ones described in the ADC COMPACT manual.

1.2 Digitizer

The ADC COMPACT Digitizer makes use of approx 25 mW HeNe laser, classification class IIIb.

In normal operating conditions, when both doors are closed, there can't be any laser radiation outside the unit. It is nonetheless imperative that the local radiation safety regulations regarding the protection of staff against scattered radiation are complied with, if the ADC COMPACT Digitizer is located in the immediate vicinity of an X-ray room.

For laser safety, only open up the front left and right doors as described in the user manual to solve possible cassette or image plate jams. When the doors are opened, the main power supply is automatically disconnected to prevent laser radiation.

User interventions other than those described in this manual can be hazardous with regard to laser radiation.

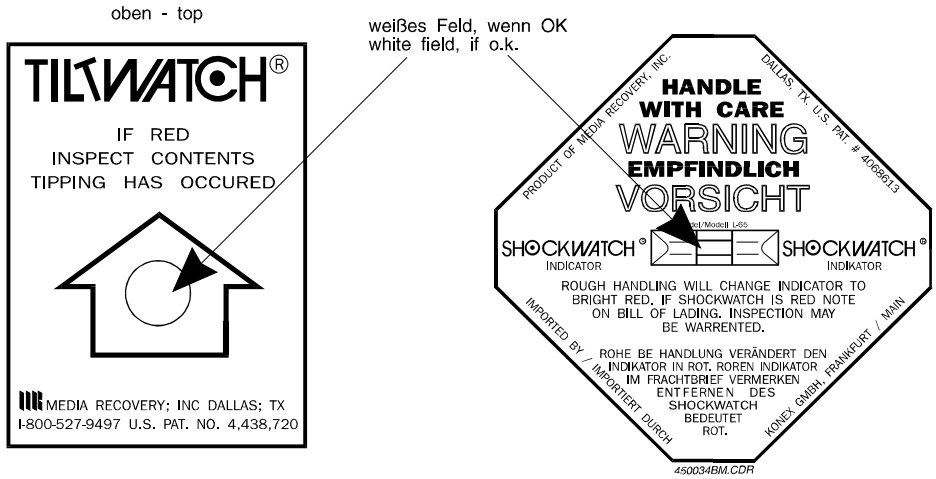
2 Preparations before Installation

2.1 Inspection of Packing

The following actions should be taken upon delivery of the system components, preferably by the customer:

- completeness check of the shipment by means of the bill of delivery (number of pallets).
- comparison of the labels on the boxes with the customer's order list and the shipping papers.
- checking of the packing material for visible transport damage such as
  - dented edges;
  - damage on the box;
  - torn fixing elements (metal straps, screws).

  In case of damage visible from the outside turn to your local AGFA representative.
- Checking of the attached safety indicators on the packing boxes, see Figure 1.



If the machine was tilted, the arrow head in the circle of the TILTWATCH changes from white to red.

If the machine was subjected to shocks, the square field in the middle of the SHOCKWATCH changes from white to red.

Figure 1

2.2 Unpacking the Components

The following actions should be taken by the forwarder upon delivery of the system components.

- removal of the outer packing material.

The individual boxes inside must not be opened by the forwarder.

- the accessories or boxes should be taken out and stored in a safe place.
- the machine must be taken off the pallet and transported to the installation site.
- disposal of the packing material.

2.2.1 Unpacking Instructions

The required instructions for unpacking and removal of the machine from the pallet are attached to the boxes or to the machine inside the packing as shown in Figure 2.

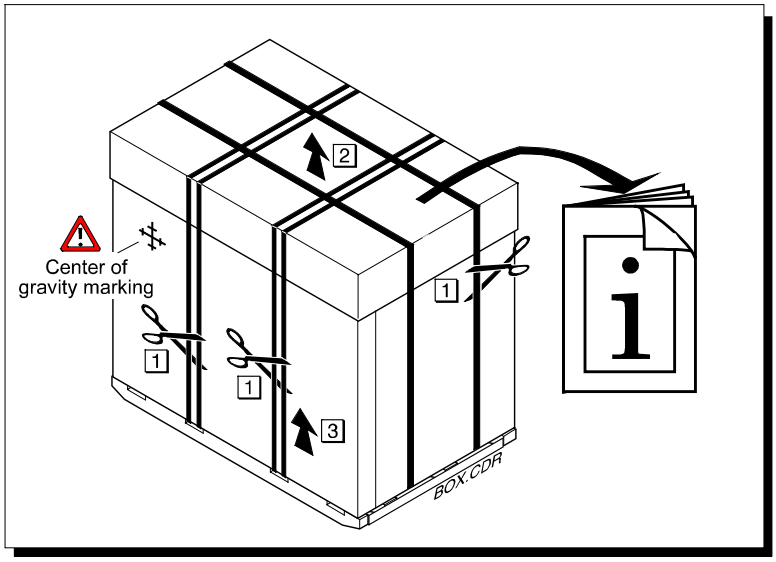


Figure 2

For unpacking and lifting the machine off the pallet, an area of minimal 100 x 500 cm^2 is required. If the available space at the installation site is limited, the machine can be unpacked beforehand and rolled to the installation site.

2.3 Checking the Accessory Kit

The following actions have to be done by the FSE (Field Service Engineer) at the customer site.

- checking the scope of delivery
  - Compare the inventory of every component with the **packing list** which specifies the complete scope of delivery.
  - The packing list are attached the boxes or to the machine inside the packing as shown in **Figure 2**.
- check the safety indicators on the components, if present.

3 Machine Dimensions/Access for Repair and Maintenance

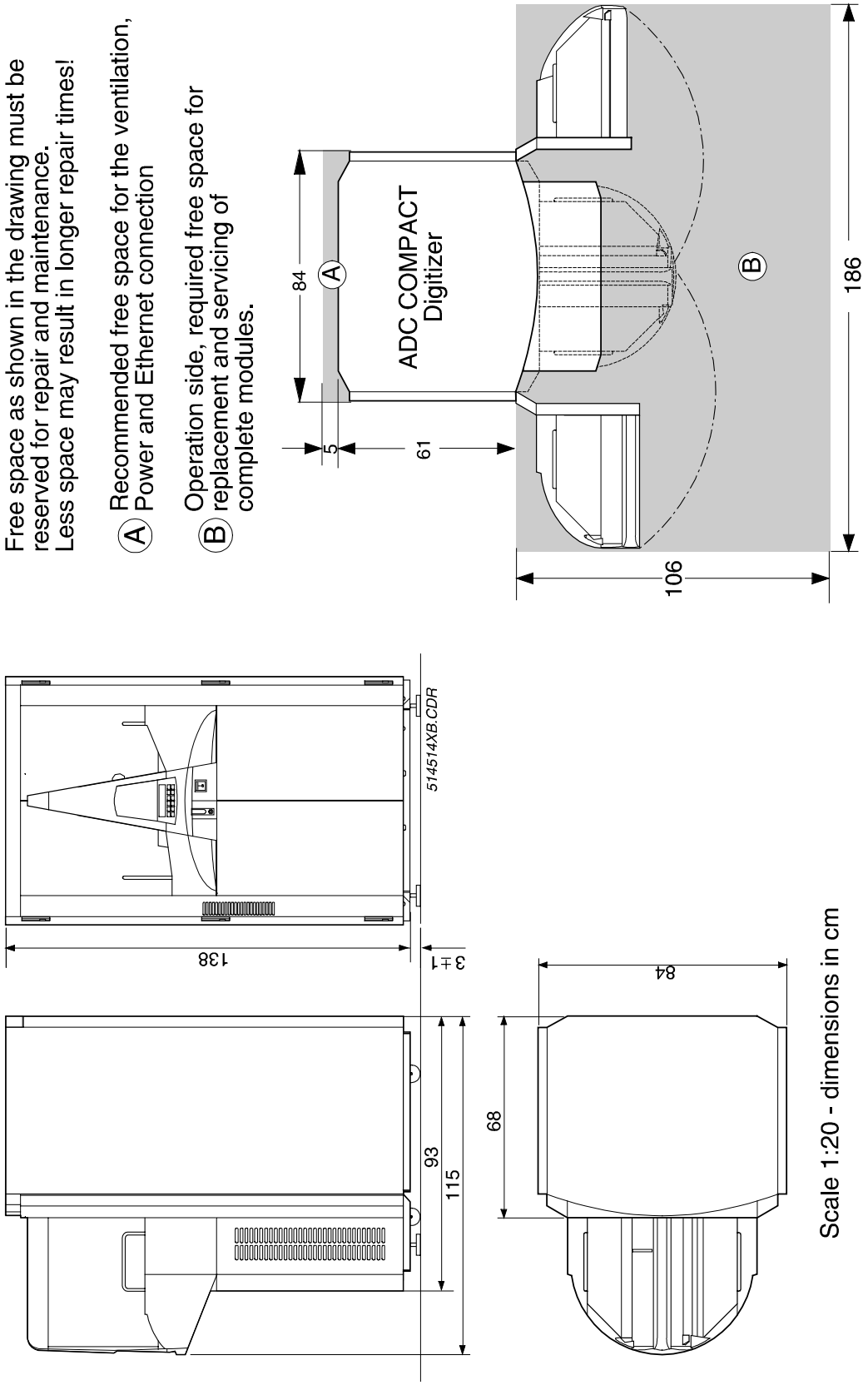


Figure 3

4 Specifications

4.1 Environmental Requirements

The ADC COMPACT Digitizer must be installed at a location at which the following operating conditions can be provided:

Room temperature:	minimum 15 °C, maximum 30 °C, ideal 20°C.
Heat emission:	into the room during standby mode 900 W, maximum 2500 W.
Floor conditions:	The digitizer stands on a metal plate, 2 mm thick.
Relative humidity:	At a room temperature of 25 °C minimal 15 %, maximal 75 %, ideal 40-50%.
Effects of radiation:	If the machine is located in the immediate vicinity of the X-ray room, it is imperative that the local radiation safety regulations are followed. (Protection of operative personnel against scattered radiation). The machine itself is not designed to be located in the X-ray room, i.e. it has no built-in protection against scattered radiation.
Max. permissible magn. Filed in the room:	according to EN 61000-4-8, Level 3.
Noise level:	max. 65 db (A).

4.2 Power Requirements

Installation regulations:	Electrical installations in the installation room must be in compliance with: IEC 364 (VDE 0100) regulations for Europe. NEC for USA/Canada.
GFCI switch:	Not compulsory but recommended.

Upon machine installations it must be ensured that either the mains connector of the respective machine or an all-pole circuit breaker for the installation on site is located close to the machines and easily accessible.

4.3 Mains Connection:

- Fixed connection through the floor via an all-pole circuit breaker, liquid-proof installation **or** Connection via plug and socket.

	Type 5145/100/200	**Type 5145/101/201**	**Type 5145/140/240**
Mains voltage:	230–240V/400–415V, 3N~ -10 % +6 %	230–240V single phase -10 % +6 %	200/208V, -10 % + 6 %, 3Ph
Frequency:	50–60 Hz	50–60 Hz	50–60 Hz
external Fuse protection:	min. 3 x 15 A, maximal 3 x 20 A slowblow.	maximal 1 x 25A slowblow	3 x 20 A slowblow.
Required connection cable:	H05VV - 5 x 2.5 mm² .	H05VV - 3 x 2.5 mm² .	4xAWG12 SJ or heavier. (a cable, 5 m long, without a plug, is included in the shipment of the machine).
Power consumption:	maximum 12 A/Ph	maximum 21,3 A	maximum 17 A/Ph
Leakage current toward earth connection:	≤ 5.2 mA	≤ 6.9 mA	≤ 6.4 mA

5 Safety Regulations

Installation Regulations

Electrical installations in the installation room must be in compliance with: IEC 364 (VDE 0100) regulations for Europe NEC for USA/Canada.

GFCI switch:
Not compulsory but recommended.

Upon machine installations it must be ensured that either the mains connector of the respective machine or an all-pole circuit breaker for the installation on site is located close to the machines and easily accessible.

Mains Connection:

Fixed connection through the floor via an all-pole circuit breaker, liquid-proof installation or connection via plug and socket.

- The ADC COMPACT Digitizer is in compliance with EG regulation 93/42/EEC (Medical device).

- The ADC COMPACT Digitizer is tested in compliance with:
  - IEC 950/EN 60950: 1992; A1: 1993; A2: 1993; A3: 1995; A4: 1997
  - UL1950; CSA 22.2 No.950
  - EN 60825-1:1994

- The ADC COMPACT Digitizer is UL / CUL approved
  - E47750

TÜV Approval Certificate

Radio Interference Suppression

It is hereby certified that the ADC COMPACT Digitizer has interference suppression according to EN 55011 Class B as well as FCC Rules CR47 Part 15 Class A (North-America).

Warning

This equipment generates uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause interference to radio communication. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart B of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in an residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

Annex:

Labels on the outer box:

- Instruction for removal of the outer box.
  - Marking of center of gravity.
  - Identification of the transport side for the fork lift since it can only work from one side (will follow).

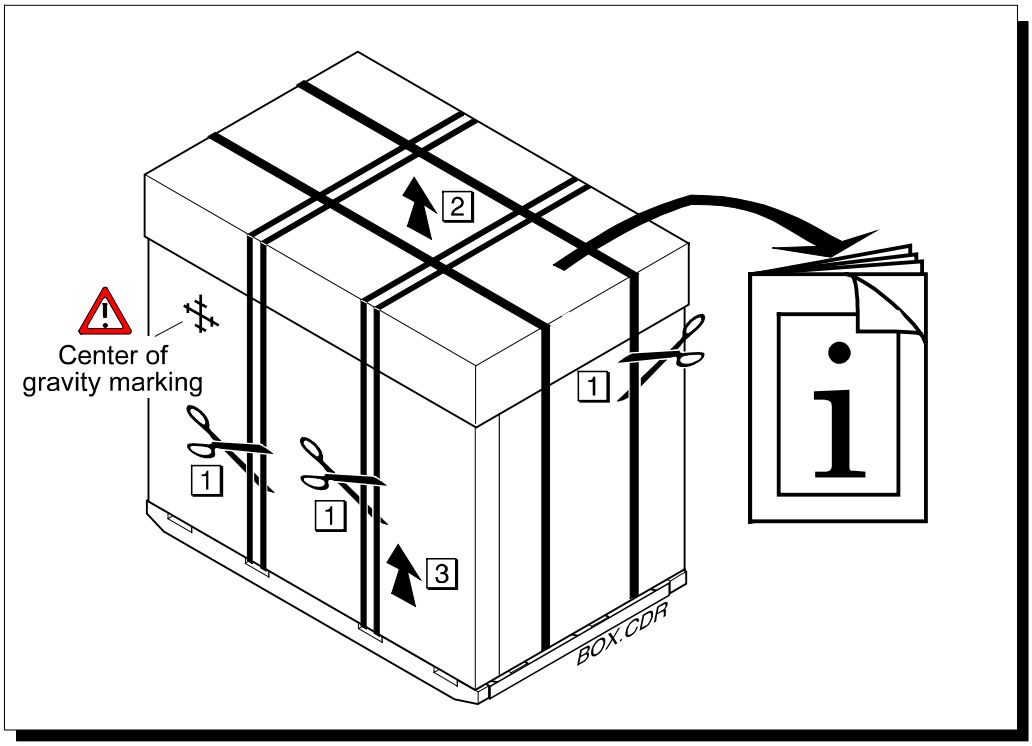


Figure 4